

0052663-10122500  
CLAIMS:

A solid multi-piece golf ball comprising a solid core, a mantle of at least one layer enclosing the solid core, and a cover of at least one layer enclosing the mantle, wherein the mantle and the solid core have a compression ratio, defined as (compression of mantle)/(compression of solid core), of at least 0.98, and

the solid core has a surface and a center with a difference in JIS-C hardness therebetween, defined as (surface hardness - center hardness), of at least 5.

10 2. The golf ball of claim 1, wherein the mantle is made of a material composed primarily of a thermoplastic resin.

15 3. The golf ball of claim 1, wherein the mantle has a thickness of up to 1.5 mm.

20 4. The golf ball of claim 1, wherein the cover is made of a material composed primarily of a thermoplastic resin having a Shore D hardness of 60 to 68.

25 5. The golf ball of claim 1, wherein the solid core has a compression of 3.2 to 4.5 mm.

6. The golf ball of claim 1, wherein the compression ratio between the mantle and the solid core is at least 1.00.

30 7. The golf ball of claim 1, wherein the JIS-C hardness difference between the surface and the center of the solid core is at least 8.

add a 3  
AM BY